

Mark S. Hainline, Ph.D.

Assistant Professor

School of Agricultural Science

Sam Houston State University

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EDUCATION

Ph.D.	Texas Tech University	May 2017	Agricultural Communications and Education
M.S.	Texas Tech University	Aug 2014	Agricultural Education
B.S.	Sam Houston State University	May 2010	Interdisciplinary Agriculture

LICENSURE/CERTIFICATION

Agricultural Leadership Graduate Certificate	2017
Texas Tech University Department of Agricultural Education and Communications	
Texas Educator Certificate - Texas State Board for Educator Certification Agricultural Science and Technology (Grades 6-12)	2010 - Present
Curriculum for Agricultural Science Education (CASE) Affiliate professor	2015 - Present

TEACHING EXPERIENCE

<i>Academic</i>	
Assistant Professor – Sam Houston State University	2022-present
School of Agricultural Sciences	
Assistant Professor - Texas A&M University-Kingsville	2021 - 2022
Department of Agriculture, Agribusiness, & Environmental Sciences,	
Assistant Professor - Iowa State University	2017-2020
Department of Agricultural Education & Studies,	

Doctoral Teaching Assistant - Texas Tech University Department of Agricultural Education & Communications,	2014-2017
School-based Agricultural Education Teacher – Klein Independent School Dist. Klein Oak High School	2010-2014

LIST OF COURSES TAUGHT

Sam Houston State University, School of Agricultural Sciences

- AGED 3320: The Secondary Agriculture Education Program
- AGED 4365/ 4366: Student Teaching in Agriculture Education
- AGED 4388: Secondary Agriculture Education Program Management
- AGED 4394: Agriculture Education Learning Environments.
- CATM 4360: Work-Based Mentorship.

Texas A&M University–Kingsville, Department of Agriculture, Agribusiness, & Environmental Sciences

- AGSC 1352: Welding
- AGSC 3352: Agricultural Power and Machinery
- AGSC 3363: Program Planning in Ag. Sci. and Technology
- AGSC 4353: Agricultural Building Requirements
- AGSC 5361: Program Building in Agricultural Education
- AGSC 5363: Methods in Adult and Young Farmer Education
- AGSC 5367: Organization and Administration of Vocation Education

Iowa State University, Department of Agricultural Education & Studies

- AgEdS 388: Agricultural Mechanics Applications
- AgEdS 488: Methods of Teaching Agricultural Mechanics
- AgEdS 417 / 517: Supervised Teaching in Agriculture and Life Sciences
- AgEdS 550: Foundations of Agricultural Education
- AgEdS 615E: Graduate Seminar – Contemporary Issues

Texas Tech University, Department of Agricultural Education & Communications

- AGED 2300: Introduction to Agricultural Education
- AGSM 3304: Systems in Agricultural Mechanics
- AGED 3333: Developing Secondary Agricultural Education Programs
- AGSM 4303: Laboratory Methods in Agricultural Systems Management
- AGED 4410: Integrating Science into Agricultural Education

PUBLICATIONS

Textbooks

Wells, T., Solomonson, J. K., & **Hainline, M. S.** (2024). Developing technical agriculture skills through laboratory instruction in school-based agricultural education. In R. Barrick & A. Thoron (Eds.), *Emerging research in agricultural teacher education* (pp. 52-78). IGI Global. <https://doi.org/10.4018/979-8-3693-2766-1.ch004>

Refereed Journal Articles

1. Smalley, S., & **Hainline, M.** (2024). Exploring pre-service teachers' training needs related to technical agriculture, teaching and classroom management. *Journal of Agricultural Education*, 65(2), 1–14. <https://doi.org/10.5032/jae.v65i2.55>
2. **Hainline, M.**, & Wells, T. (2024). Examining differences in teachers' agricultural mechanics professional development needs: A national study. *Journal of Agricultural Education*, 65(1), 245–264. <https://doi.org/10.5032/jae.v65i1.2473>
3. Smalley, S., & **Hainline, M.** (2024). SBAE teachers' perceptions of science integration and inquiry-based learning. *Journal of Agricultural Education*, 65(1), 23–39. <https://doi.org/10.5032/jae.v65i1.50>
4. Smalley, S. W., **Hainline, M. S.**, & Grein, K. (2023). Beginning teachers' perceptions of curriculum for agricultural science education training and classroom implementation. *Journal of Agricultural Education*, 64(3), 26-42. <https://doi.org/10.5032/jae.v64i3.56>
5. Wells, T., Solomonson, J. K., **Hainline, M. S.**, Rank, B. D., Wilson, M., Rinker, S. P., & Chumbley, S. B. (2023). Technical agriculture skills teachers need to teach courses in the animal systems pathway. *Journal of Agricultural Education*, 64(3), 158-175. <https://doi.org/10.5032/jae.v64i3.117>
6. Wells, T., Tejada, O., & **Hainline, M. S.** (2023). An assessment of undergraduate student interest in poultry science. *NACTA Journal*, 67(1) 191-200. <https://doi.org/10.56103/nactaj.v67i1.133>
7. Sanders, K. W., Smalley, S. W., & **Hainline, M. S.** (2023). Evaluating the preparation of pre-service school-based agricultural education teachers in laboratory-based courses. *Journal of Agricultural Education*, 64(2), 11-29. <https://doi.org/10.5032/jae.v64i2.71>
8. **Hainline, M. S.**, & Smalley, S. W. (2023). Determining the professional development needs of Iowa school-based agricultural education teachers related to program design, leadership, and SAE development. *Journal of Agricultural Education*, 64(1), 1-11. <https://doi.org/10.5032/jae.v64i1.26>

9. Wilkins-Brittain, T., Smalley, S. W., & **Hainline, M. S.** (2022). Describing the inclusiveness of students with disabilities in Iowa school-based agricultural education programs. *Journal of Agricultural Education*, 63(3), 1-15. <https://doi.org/10.5032/jae.2022.03001>
10. Solomonson, J. K., Wells, T., **Hainline, M. S.**, Rank, B. D., Wilson, M., Rinker, S. P., Chumbley, S. (2022). Technical agriculture skills teachers need to teach courses in the plant systems pathway. *Journal of Agricultural Education*, 63(3), 100-116. <https://doi.org/10.5032/jae.2022.03100>
11. Faivre, A., Smalley, S. W., & **Hainline, M. S.** (2022). Perceptions of agricultural educators entering the profession through alternative means. *Journal of Agricultural Education*, 63(2), 1-16. <https://doi.org/10.5032/jae.2022.02001>
12. Chumbley, S., **Hainline, M. S.**, Wells, T., & Haynes, J.C. (2022). Students' motivation to learn science through undergraduate-level agricultural coursework. *Journal of Agricultural Education*, 63(1), 1-18. <https://doi.org/10.5032/jae.2022.01182>
13. Rinker, S., Smalley, S. W. & **Hainline, M. S.** (2021). Identifying the professional and technical skills agricultural industry employers expect agricultural graduates to possess. *NACTA Journal*, 65(1), 102-114. <https://www.nactateachers.org/attachments/article/3112/2020-0200%20FINAL.pdf>
14. Chumbley, B., **Hainline, M. S.**, & Chumbley, T. (2021). The historical development of agricultural magnet schools in the Alamo City. *Texas Journal of Agriculture and Natural Resources*, 34(2021), 37-47. <https://txjanr.agintexas.org/index.php/txjanr/article/view/385/407>
15. Wells, T., **Hainline, M. S.**, Rank, B. D., Sanders, K. W., & Chumbley, S. B. (2021). A regional study of the agricultural mechanics knowledge and skills needed by school-based agricultural education teachers. *Journal of Agricultural Education*, 62(2), 148-166. <https://doi.org/10.5032/jae.2021.02148>
16. Wells, T., & **Hainline, M. S.** (2021). Examining teachers' agricultural mechanics professional development needs: A national study. *Journal of Agricultural Education*, 62(2), 217-238. <https://doi.org/10.5032/jae.2021.02217>
17. **Hainline, M. S.**, & Smalley, S. W. (2021). Pre-service teachers self-perceived training needs associated with program design and management and leadership and SAE development. *Journal of Agricultural Education*, 62(1), 227-245. <http://doi.org/10.5032/jae.2021.01227>
18. **Hainline, M. S.**, Burris, S., Ritz, R., & Ulmer, J. D., (2021). Assessment of educational law in-service needs and perceived competencies of Texas school-based agricultural education teachers. *Journal of Agricultural Education*, 62(1), 291-311. <https://doi.org/10.5032/jae.2021.01291>

19. Wells, T., **Hainline, M. S.**, Smalley, S. W., & Chumbley, S. B. (2021). School-based agricultural education teachers' experiences during a year-long field test of the CASE mechanical systems in agriculture (MSA) curriculum. *Journal of Agricultural Education*, 62(1), 312-330 <https://doi.org/10.5032/jae.2021.01312>
20. Rinker, S., **Hainline, M. S.**, & Smalley, S. W. (2020). Examining students' experiences and skill attainment in an agricultural capstone course. *North American Colleges and Teachers of Agriculture Journal*, 64(1), 251-261. <https://www.nactateachers.org/attachments/article/3005/2020-0161%20FINAL.pdf>
21. Whitehair, R. L., Schramm, K. R., Wells, T., & **Hainline, M. S.** (2020). Preservice teachers' conceptualizations of agricultural mechanics? *Journal of Agricultural Education*. 61(3), 60-74. <https://doi.org/10.5032/jae.2020.03060>
22. Wells, T., **Hainline, M. S.**, & Smalley, S. W. (2019). Identifying challenges preservice teachers encountered when teaching curriculum for agricultural science education (CASE) coursework during student teaching. *Journal of Agricultural Education*, 60(3), 128-140. <https://doi.org/10.5032/jae.2019.03128>
23. **Hainline, M. S.**, Burris, S., Ulmer, J. D., & Ritz, R. (2019). School district superintendents' and attorneys' perceptions of the most important educational law issues impacting the professional security of agricultural science teachers. *Journal of Agricultural Education*, 60(2), 190-209. <https://doi.org/10.5032/jae.02190>
24. Chumbley, B., **Hainline, M. S.**, & Wells, T. (2019). Examining university-level agricultural students' safety climate attitudes in the agricultural mechanics laboratory. *Journal of Agricultural Education*, 60(2), 54-68. <https://doi.org/10.5032/jae.2019.02054>
25. Smalley, S. W., **Hainline, M. S.**, & Sands, K. R. (2019). School-based agricultural education teachers' perceived professional development needs associated with teaching, classroom management, and technical agriculture. *Journal of Agricultural Education*, 60(2), 85-98. <https://doi.org/10.5032/jae.2019.02085>
26. **Hainline, M. S.**, & Wells, T. (2019). Identifying the agricultural mechanics knowledge and skills needed by Iowa school-based agricultural education teachers. *Journal of Agricultural Education*, 60(1), 59-79. <https://doi.org/10.5032/jae.2019.01059>
27. Hendon, T., **Hainline, M. S.**, Burris, S., Ulmer, J. D., & Ritz, R. (2019). Perceptions of high school cooperating agricultural teachers on the performance of student teachers. *Journal of Agricultural Education*, 60(1), 41-58. <https://doi.org/10.5032/jae.2019.01041>

28. Chumbley, B., **Hainline, M. S.**, Russell, M., & Ruppert, D. E. (2019). Teachers' confidence to integrate biology in agriscience courses. *Journal of Agricultural Education*, 60(1), 145-157. <https://doi.org/10.5032/jae.2019.01145>
29. Chumbley, B., **Hainline, M. S.**, & Haynes, J. C. (2018). What high school administrators think of agriculture dual enrollment? *North American Colleges and Teachers of Agriculture Journal*, 62(3), 211-217. Retrieved from <https://www.nactateachers.org/attachments/article/2775/6%20%20High%20School%20Administrators.pdf>
30. Chumbley, B., **Hainline, M. S.**, & Haynes, J. C. (2018). Agricultural mechanics lab safety practices in south Texas. *Journal of Agricultural Education*, 59(3), 309-323. <https://doi.org/10.5032/jae.2018.03309>
31. **Hainline, M. S.**, Brenes-Mayorga, B., Morales, S., Boren Alpízar, A. E., Ritz, R. A., & Burris, S. (2018). A Change in perspective: Agriculturally-based study abroad experience for Nicaraguan students. *Journal of International Agricultural and Extension Education*, 25(1), 1-12. <https://doi.org/10.5191/jiaee.2018.25104>
32. **Hainline, M. S.**, Sorensen, T., & Chumbley, B. (2018). Perceived self-efficacy of pre-service agricultural science teachers toward agricultural mechanization. *Journal of Agricultural Systems, Technology, and Management*, 29(1), 1-14. <http://jastm.org/index.php/jastm/issue/current>
33. Chumbley, B., Haynes, J. C., **Hainline, M. S.**, & Sorensen, T. (2018). A measure of self-regulated learning in an online agriculture course. *Journal of Agricultural Education*, 59(1), 153-170. <https://doi.org/10.5032/jae.2018.01153>
34. Quiggins, A., Ulmer, J. D., **Hainline, M. S.**, Burris, S., Ritz, R., & Van Dusen, R. (2016). Motivations and barriers of undergraduate nontraditional students in the college of agricultural sciences and natural resources at Texas Tech University. *North American Colleges and Teachers of Agriculture Journal*, 60(3), 272-281. <https://www.nactateachers.org/attachments/article/2452/6%20%20Quiggins.pdf>
35. **Hainline, M. S.**, Ulmer, J. D., Burris, S., Ritz, R., & Gibson, C. (2015). Career and family balance of Texas agricultural science teachers, by gender. *Journal of Agricultural Education*, 56(4), 31-46. <https://doi.org/10.5032/jae.2015.04031>

In-Press Refereed Publications:

1.

Manuscripts Submitted for Peer Review:

1. Sanders, K. W., **Hainline, M. S.**, & Smalley, S. W. (under review). School-based agricultural education teachers' intentions to use equipment with flesh-sensing safety technology. *Journal of Agricultural Education*.

2. Smalley, S. W. & **Hainline, M. S.** (under review). Defining fidelity in the curriculum for agricultural science education (CASE). *Journal of Agricultural Education*.
3. **Hainline, M. S.** & Smalley, S. W. (under review). Exploring Iowa State University pre-service teachers' training needs related to technical agriculture, teaching and classroom management. *Journal of Agricultural Education*.
4. Smalley, S. W., & **Hainline, M. S.** (under review). Pre-service students' motivation to pursue a career as an agricultural education teacher. *Journal of Agricultural Education*.

Refereed proceedings

1. Wilkins, T., **Hainline, M. S.** & Smalley, S. W. (2020). Describing the inclusiveness of students with disabilities in Iowa school-based agricultural education programs. Proceedings of the 2020 American Association for Agricultural Education Research Conference, 47. Virtual conference: 548-563.
2. Wells, T., **Hainline, M. S.**, Rank, B. D., Sanders, K. W., & Chumbley, S. B. (2020, May). What technical agricultural mechanics knowledge and skills are needed by school-based agricultural education teachers? Proceedings of the 2020 American Association for Agricultural Education Research Conference, 47. Virtual conference: 747-763.
3. Wells, T., **Hainline, M. S.**, Smalley, S. W., & Chumbley, S. B. (2020, May). What are school-based agricultural education teachers' experiences when implementing the CASE Mechanical Systems in Agriculture (MSA) curriculum? Proceedings of the 2020 American Association for Agricultural Education Research Conference, 47. Virtual conference: 764-779.
4. **Hainline, M. S.**, Wells, T., & Sanders, K. W. (2020, May). Incorporating a flipped classroom design into a teacher education-focused agricultural mechanics course. Proceedings of the 2020 National Conference of the American Association for Agricultural Education Innovative Idea Poster Session. Virtual conference: 97-100.
5. Wells, T., **Hainline, M. S.**, Paulsen, T. H., Smalley, S. W., & Sanders, K. W. (2020, May). Assessing agricultural mechanics professional development needs of Iowa school-based agricultural education teachers: A pilot study. Proceedings of the 2020 National Conference of the American Association for Agricultural Education Innovative Idea Poster Session. Virtual conference: 280-283.
6. Wells, T., & **Hainline, M. S.** (2020, May). Lights, camera, action! Creating skill demonstration videos for use in university-level agricultural coursework. Proceedings of the 2020 National Conference of the American Association for

Agricultural Education Innovative Idea Poster Session. Virtual conference: 109-112.

Non-Refereed Reports / Handbooks

1. Wells, T., **Hainline, M. S.**, & Smalley, S. W. (2019). Identifying challenges pre-service teachers encountered when teaching curriculum for agricultural science education (CASE) coursework during student teaching. *Executive summary for the Curriculum for Agricultural Science Education (CASE) leadership team.*
2. Smalley, S. W., **Hainline, M. S.**, Wilkins, T., & Sands, K. R. (2018). Iowa school-based agricultural education teachers' perceived professional development needs associated with teaching, classroom management, and technical agriculture. *Executive summary for the Iowa Governor's Council on Agricultural Education.*
3. **Hainline, M. S.**, Booth, P., Ritz, R., & Burris, S. (2016). Workbook of Parliamentary Procedure Guide (3rd ed.), catalog # 8004A. College Station, TX: Instructional Materials Service.
4. **Hainline, M. S.**, Ritz, R., Burris, S., & Booth, P. (2015). Workbook of Parliamentary Procedure Guide (3rd ed.), catalog # 8004A. College Station, TX: Instructional Materials Service.

PRESENTATIONS

International – Refereed Paper Presentations

1. **Hainline, M. S.**, Brenes-Mayorga, B., Morales, Ritz, R., Burris, S., & Boren Alpízar, A. (2017, April). *A change in perspective: Agriculturally-based study abroad experience for Nicaraguan students* [Paper presentation]. Association for International Agricultural and Extension Education 33rd Annual Conference, Minneapolis, MN.

National – Refereed Paper / Poster Presentations

Research Paper Presentations (Refereed)

1. Chen, D., Stutts, K., Pannkuk, T., Saucier, P. R., & **Hainline, M. S.** (2024, April). Effects of family support and working on the academic performance of college students in agriculture [Paper presentation]. NACTA Conference. Wooster, OH.
2. **Hainline, M. S.**, & Wells, T. (2023, October). An examination of differences in teachers' agricultural mechanics professional development needs. [Paper presentation]. National Agricultural Mechanics Professional Development Blue Ribbon Papers Research Conference. Indianapolis, IN.
3. Solomonson, J. K., Wells, T., **Hainline, M. S.**, Rank, B. D., Wilson, M., Rinker, S. P., & Chumbley, S. (2022, May). What technical agriculture skills do teachers need to teach courses in the plant systems pathway? [Paper presentation]. American

Association for Agricultural Education National Conference, Oklahoma City, OK: 1059-1074.

4. Wells, T., Solomonson, J. K., **Hainline, M. S.**, Rank, B. D., Wilson, M., Rinker, S. P., & Chumbley, S. (2022, May). What technical agriculture skills do teachers need to teach courses in the animal systems pathway? [Paper presentation]. American Association for Agricultural Education National Conference, Oklahoma City, OK: 1043-1058.
5. Whitehair, R. L., Sands, K. R., Wells, T., & **Hainline, M. S.** (2019, May). *How do preservice teachers conceptualize agricultural mechanics?* [Paper presentation]. American Association for Agricultural Education National Conference, Des Moines, IA.
6. Rinker, S., **Hainline, M. S.**, & Smalley, S. W. (2019, May). *Identifying the professional and technical skills agricultural industry employers expect agricultural graduates to possess* [Paper presentation]. American Association for Agricultural Education National Conference, Des Moines, IA.
7. Wells, T., **Hainline, M. S.**, & Smalley, S. W. (2019, May). *Identifying challenges preservice teachers encountered when teaching curriculum for agricultural science education (case) coursework during student teaching* [Paper presentation]. American Association for Agricultural Education National Conference, Des Moines, IA.
8. Chumbley, B., **Hainline, M. S.**, & Wells, T. (2018, May). *A measure of safety climate attitudes in the agricultural mechanics laboratory* [Paper presentation]. American Association for Agricultural Education National Conference, Charleston, SC.
9. Chumbley, B., **Hainline, M. S.**, Haynes, J. C., & Wells, T. (2018, May). *A measure of motivation to learn science through plant and animal science classes* [Paper presentation]. American Association for Agricultural Education National Conference, Charleston, SC.
10. Chumbley, B., **Hainline, M. S.**, & Haynes, J. C. (2017, May). *Agricultural mechanics lab safety practices in south Texas* [Paper presentation]. American Association for Agricultural Education National Conference, San Luis Obispo, CA.
11. **Hainline, M. S.**, Ulmer, J. D., Burris, S., Ritz, R. (2015, May). *Barriers affecting the balance of Texas agricultural educators' home and work life, by gender* [Paper presentation]. American Association for Agricultural Education National Conference, San Antonio, TX.

Research Poster Presentations (Refereed)

- 1.
2. Pugh, T., Victoria, M., Parrella, J., & **Hainline, M. S.** (2024, May). *Texas school-based agricultural sciences teachers' levels of preparedness and resources to*

incorporate agricultural communications curriculum into their classroom instruction [Poster presentation]. American Association for Agricultural Education National Conference, Manhattan, KS.

3. Nair, S., Carraway, C., Jones, S., & **Hainline, M. S.** (2023). *Collaborative summer camps to improve higher education opportunities for under-represented populations*. [Poster presentation]. North American Colleges and Teachers of Agriculture (NACTA) 69th Annual Conference. Las Cruces, NM.
4. Smalley, S. W., & **Hainline, M. S.** (2023). *Defining fidelity in the curriculum for agricultural science education (CASE)* [Research poster presentation]. American Association for Agricultural Education National Conference, Raleigh, NC.
5. Sanders, K. W., **Hainline, M. S.**, & Smalley, S. W. (2023). *Evaluating the preparation of pre-service school-based agricultural education teachers in laboratory-based courses* [Research poster presentation]. American Association for Agricultural Education National Conference, Raleigh, NC.
6. Saucier, P. R., **Hainline, M. S.**, Victoria, M., Reynolds, C., & Leamon, C. (2022). General safety conditions found within selected Texas school-based agricultural mechanics laboratories. Poster presented at the 2022 Annual National Agricultural Mechanics Professional Development Blue Ribbon Papers Research Conference Poster Session. Indianapolis, IN.
7. Saucier, P. R., Victoria, M., Reynolds, C., **Hainline, M. S.**, & Leamon, C. (2022). Personal protection equipment (PPE) use in selected Texas school-based agricultural mechanics laboratories. Poster presented at the 2022 Annual National Agricultural Mechanics Professional Development Blue Ribbon Papers Research Conference Poster Session. Indianapolis, IN.
8. Wells, T., **Hainline, M. S.**, Sanders, K. W., & McCubbins, O. P. (2020, May). Using ITP Metrics as a peer feedback tool in university-level agricultural coursework. Poster presented at the 2020 National Conference of the American Association for Agricultural Education Innovative Idea Poster Session. Virtual conference: 211-214.
9. Rinker, S., **Hainline, M. S.**, & Smalley, S. W. (2020, June 16-19). *Alumni perspectives on the transferability of skills learned in an agricultural farm management and operations capstone course* [Poster presentation]. North American Colleges and Teachers of Agriculture 66th Annual Conference, Las Cruces, NM.
10. Rinker, S., **Hainline, M. S.**, & Smalley, S. W. (2020, June 16-19). *Examining Agricultural Students' Experiences and Skills in an Agricultural Capstone Course* [Poster presentation]. North American Colleges and Teachers of Agriculture 66th Annual Conference, Las Cruces, NM.

11. Rinker, S., **Hainline, M. S.**, & Smalley, S. W. (2019, May 21-24). *Examining agricultural students' experiences and skills in an agricultural capstone course* [Poster presentation]. American Association for Agricultural Education National Conference, Des Moines, IA.

Distinguished Research Poster Presentation

12. Wells, T., & **Hainline, M. S.** (2019, May 21-24). *Incorporating a computer-based training system to facilitate psychomotor skill assessment in a university teaching laboratory* [Poster presentation]. American Association for Agricultural Education National Conference, Des Moines, IA.
13. **Hainline, M. S.**, & Wells, T. (2019, May 21-24). *Legal eagles: Cultivating knowledge about teacher liability in school-based agricultural education laboratory settings* [Poster presentation]. American Association for Agricultural Education National Conference, Des Moines, IA.
14. Wells, T., & **Hainline, M. S.** (2019, May 21-24). *Shop 'til you drop: Emphasizing introductory laboratory management skills through a field trip experience* [Poster presentation]. American Association for Agricultural Education National Conference, Des Moines, IA.
15. Wells, T., McCubbins, O. P., **Hainline, M. S.**, & Johnson, S. (2019, May 21-24). *Using GradeCam Go! to assess FFA career development events* [Poster presentation]. American Association for Agricultural Education National Conference, Des Moines, IA.
16. Wells, T., **Hainline, M. S.**, & Chumbley, B. (2018, April). *Incorporating fire safety training into preservice teacher laboratory safety instructional practices* [Poster presentation]. 2018 American Association for Agricultural Education National Conference, Charleston, SC.
17. Solomonson, J., Wells, T., **Hainline, M. S.**, & Larsen, K. (2017, October). *The metal rose project: Integrating agricultural mechanics skills into horticulture curricula* [Poster presentation]. 36th Annual National Agricultural Mechanics Professional Development Blue Ribbon Papers Research Conference Poster Session. Indianapolis, IN.
18. **Hainline, M. S.**, Gorham, L. M., Trimble, C., Gibson, C., (2015, May). *Who provides? Ag provides: a social agricultural awareness campaign* [Poster presentation]. American Association for Agricultural Education National Conference, San Antonio, TX. ***Distinguished Innovative Idea Poster Presentation***

State – Non-Refereed Presentations

1. Nair, S., Smith-Herron, A., Carraway, C., Jones, S., & **Hainline, M. S.** (2023, October). *Expanding opportunities in agriculture for underrepresented populations* [Poster presentation]. NLGCA PD's meeting/NARRU Conference. Lubbock, Texas.

2. **Hainline, M. S.** (2023, November). *Teacher liability and immunity*. Clinical Teaching in Agriculture (AGED 4242), Department of Agriculture, Author Temple College of Forestry and Agriculture, Stephen F. Austin State University.
3. **Hainline, M. S.** (2022, July). Teacher liability: Stuff you should know. Agriculture Teachers Association of Texas Summer Conference, Corpus Christi, TX.
4. **Hainline, M. S.** (2021, Novmember). *Teacher liability and immunity*. Methods of Teaching Agricultural Mechanics (AGED 4003), Department of Agriculture, College of Science and Engineering, Southern Arkansas University.
5. **Hainline, M. S.** (2021, September). *Teacher liability and immunity*. Methods of Teaching Agricultural Science (AGED 4304), Department of Agricultural Education and Communications, College of Agricultural Sciences and Natural Resources, Texas Tech University.
6. **Hainline, M. S.** (2020, October). *Navigating the litigious educational environment: Case law concepts for school-based agricultural education (SBAE) teachers*. Methods of Teaching Agricultural Science (AGED 4304), Department of Agricultural Education and Communications, College of Agricultural Sciences and Natural Resources, Texas Tech University.
7. **Hainline, M. S.** (2019, October). *Important educational law issues related to school-based agricultural education*. Methods of Teaching Agricultural Mechanics (AGED 4003), Department of Agriculture, College of Science and Engineering, Southern Arkansas University.
8. **Hainline, M. S.** (2019, September). *Important educational law issues related to school-based agricultural education*. Methods of Teaching Agricultural Science (AGED 4304), Department of Agricultural Education and Communications, College of Agricultural Sciences and Natural Resources, Texas Tech University.
9. **Hainline, M. S.** (2018, November). *CASE curriculum*. Methods of Teaching Agricultural Science (AGED 4304), Department of Agricultural Education and Communications, College of Agricultural Sciences and Natural Resources, Texas Tech University.
10. **Hainline, M. S.** (2018, October). *Stuff you should know: educational law issues affecting the professional security of Texas agricultural science teachers*. Methods of Teaching Agricultural Science (AGED 4304), Department of Agricultural Education and Communications, College of Agricultural Sciences and Natural Resources, Texas Tech University.

Regional – Refereed Paper / Poster Presentations

Research Paper Presentations (Refereed)

1. **Hainline, M. S.,** & Wells, T. (2023, February). Are there differences in teachers' agricultural mechanics professional development needs? [Paper presentation]. American Association for Agricultural Education North Central Region Conference
2. **Hainline, M. S.,** & Smalley, S. W. (2021). *Determining the professional development needs of Iowa school-based agricultural education teachers related to program design, leadership, and SAE development*. [Paper presentation]. American Association for Agricultural Education North Central Region Conference, Columbus, OH.
3. Smalley, S. W., & **Hainline, M. S.** (2021). *Training needs of Iowa State University pre-service teachers related to teaching technical agriculture and classroom management*. [Paper presentation]. American Association for Agricultural Education North Central Region Conference, Columbus, OH.
4. Sanders, K. W., Smalley, S. W., & **Hainline, M. S.** (2021). *Determining the antecedents of preparation of SBAE teachers who effectively facilitate learning in SBAE laboratories*. [Paper presentation]. American Association for Agricultural Education North Central Region Conference, Columbus, OH.
5. Sanders, K. W., Smalley, S. W., & **Hainline, M. S.** (2021). *Courses offered to pre-service SBAE teachers in agricultural education laboratories*. [Paper presentation]. American Association for Agricultural Education North Central Region Conference, Columbus, OH.
6. Smalley, S. W., **Hainline, M. S.,** & Sands, K. R. (2018, October). *Determining the training needs of Iowa agricultural education teachers regarding program design and management, leadership, and SAE development* [Paper presentation]. American Association for Agricultural Education North Central Region Conference, Fargo, ND.
7. **Hainline, M. S.,** Smalley, S. W., & Sands, K. R. (2018, October). *Iowa school-based agricultural education teachers' perceived professional development needs associated with teaching, classroom management, and technical agriculture* [Paper presentation]. American Association for Agricultural Education North Central Region Conference, Fargo, ND.
8. Carraway, C., **Hainline, M. S.** Ulmer, J. D., & Simons, S. (2018, September). *An examination of the science knowledge of post-secondary students enrolled in a course focusing on science integration in agricultural education* [Paper presentation]. American Association for Agricultural Education Western Region Conference, Boise, ID.
9. **Hainline, M. S.,** Burris, S., Ritz, R., & Ulmer, J. D. (2017, September). *School district superintendents' and attorneys' perceptions of the most important educational law issues impacting the professional security of agricultural science teachers* [Paper

presentation]. American Association for Agricultural Education North Central Region Conference, Ames, IA.

North Central AAAE Research Conference Outstanding Paper Presentation.

10. Chumbley, B., Haynes, J. C., & **Hainline, M. S.** (2017, February). *High school administrators' perceptions of an agricultural dual enrollment program* [Paper presentation]. American Association for Agricultural Education Southern Region Conference, Mobile, AL.
11. Chumbley, B., Haynes, J. C., & **Hainline, M. S.** (2015, September). *Self-regulated learning in an online agriculture course* [Paper presentation]. American Association for Agricultural Education Western Region Conference, Corvallis, OR.
12. **Hainline, M. S.**, Ulmer, J. D., Burris, S., Ritz, R. (2015, February). *Career and family balance of Texas agricultural science teachers, by gender* [Paper presentation]. American Association for Agricultural Education Southern Region Conference, Atlanta, GA.

Research Poster Presentations (Refereed)

1. Dominguez, L., Chumbley, S. B., & Hainline, M. S. (2021). *Quién Soy Yo? Measuring Student Ethnic Identity*. [Poster presentation]. American Association for Agricultural Education Western Region Research Conference, Bozeman, MT.
2. Rinker, S., **Hainline, M. S.**, & Smalley, S. W. (2019, October 10-12). *Examining agricultural students' experiences and skills in an agricultural capstone course* [Poster presentation]. American Association for Agricultural Education North Central Research Conference, East Lansing, MI.
3. Faivre, A. Smalley, S. W., **Hainline, M. S.**, & Sanders, K. W. (2019, October 10-12). *Perceptions of agricultural educators entering the profession through alternative means*. [Poster presentation]. American Association for Agricultural Education North Central Research Conference, East Lansing, MI.
4. Sands, K. R., Whitehair, R. L., **Hainline, M. S.**, & Wells, T. (2018, October 4-6). *Preservice teachers' conceptualizations of agricultural mechanics* [Poster presentation]. American Association for Agricultural Education North Central Region Conference, Fargo, ND.

Distinguished Research Poster Presentation

5. Wells, T., McCubbins O. P., **Hainline, M. S.**, Johnson, S. (2018, October 4-6). *Using GradeCam Go! to assess FFA career development event activities* [Poster presentation]. American Association for Agricultural Education North Central Region Conference, Fargo, ND.
6. Wells, T., & **Hainline, M. S.** (2018, October 4-6). *Incorporating a computer-based weld training system to facilitate psychomotor skill assessment in a university-level*

agricultural mechanics laboratory [Poster presentation]. American Association for Agricultural Education North Central Region Conference, Fargo, ND.

7. **Hainline, M. S.**, & Wells, T. (2018, October 4-6). *Legal eagles: Cultivating knowledge about teacher liability in school-based agricultural education laboratory settings* [Poster presentation]. American Association for Agricultural Education North Central Region Conference, Fargo, ND.
Distinguished Innovative Idea Poster Presentation
8. Wells, T., & **Hainline, M. S.** (2018, October 4-6). *Shop 'til you drop: Emphasizing introductory laboratory management skills through a field trip experience* [Poster presentation]. American Association for Agricultural Education North Central Region Conference, Fargo, ND.
9. Chumbley, B., Russell, M., & **Hainline, M. S.** (2017). *Basura bash: Leadership and service learning project to inspire underrepresented students in agriculture* [Poster presentation]. Association for Agricultural Education Western Region Conference, Fort Stockton, CO.
10. Chumbley, B., **Hainline, M. S.**, & Langley, G. C. (2016, September). *A measure of safety climate attitudes in the university agricultural mechanics lab* [Poster presentation]. American Association for Agricultural Education Western Region Conference, Tucson, AZ.
Distinguished Research Poster Presentation
11. **Hainline, M. S.**, Ulmer, J., & Carraway, C. (2016, February). *School board members' and administrators' perceptions of the CASE curriculum* [Poster presentation]. American Association for Agricultural Education Southern Region Conference, San Antonio, TX.
12. Chumbley, B., **Hainline, M. S.**, & Haynes, J. C. (2016, February). *Mechanical aptitude of post-secondary agricultural education majors* [Poster presentation]. American Association for Agricultural Education Southern Region Conference, San Antonio, TX.
13. Haynes, J. C., Chumbley, B., & **Hainline, M. S.**, (2016, February). *Using the Bennett Mechanical Comprehension Test in the agricultural mechanics lab* [Poster presentation]. American Association for Agricultural Education Southern Region Conference, San Antonio, TX.
14. **Hainline, M. S.**, Chumbley, B., & Smith, K. (2015, September). *Task value and critical thinking of agriculture dual-enrollment students* [Poster presentation]. American Association for Agricultural Education Western Region Conference, Corvallis, OR.

Local

Research Paper Presentations (Non-Refereed)

1. **Hainline, M. S.** (2014, October). *Career and family balance of Texas agricultural science teachers, by gender* [Paper presentation]. Texas Tech University Arts and Humanities Graduate Student Research Conference, Lubbock, TX.

Research Poster Presentations (Non-Refereed)

1. Nair, S. Hopkins, K. Contreras-Vanegas, **Hainline, M. S.**, Islam, A. B. M., & Wolfskill, L. A. (2023). *Urban agribusiness ventures to connect and engage our Hispanic community*. Sam Houston State University Scholarly Innovation Summit
2. Nair, S., Smith-Herron, A., Carraway, C., Jones, S., & **Hainline, M. S.** (2023, October). Expanding opportunities in agriculture for underrepresented populations [Poster presentation]. NLGCA PD's meeting/NARRU Conference. Lubbock, Texas,
3. **Hainline, M. S.**, Chumbley, B. (2015, April). *Task value and critical thinking of Eastern New Mexico University agricultural dual enrollment students* [Poster presentation]. 2015 Texas Tech Graduate Student Research Conference, Lubbock, TX

RESEARCH AND SCHOLARLY ACTIVITIES

Funded Grants (External)

Grant Information:	Funding Amount:
Hainline, M. S. , Nair, S, Victoria, M. Ritz, R. & Chumbley, S. (Pending). <i>Cultivating Leadership, Education, Advocacy, Development (LEAD) for Pre-service AFNR Teachers</i> . USDA-NIFA-NLGCA.	\$750,000
Chen, D., Hainline, M. S. , Pannkuk, T., & Guida, R. (Pending). <i>Bringing Controlled Environment Agriculture (CEA) into K-14 Classrooms through a Healthy Hydroponic Project (HHP)</i> . USDA-PDAL	\$494,071
Victoria, M., Hainline, M. S. , Iftekhar, I., Morgan-Olvera, A. (Pending). <i>Development of an Agricultural Bio-security Curriculum in Texas Ag Science classrooms through teacher education/outreach, national integration into 4-H program and aims of extension into Southeastern United States</i> . USDA-APHIS-PPA Goal 5	\$71,280
Hainline, M. , Nair, S., Martinez, R., & Anderson, M. (2023). <i>Building a Bridge: Deepening Connections between Sam Houston State University and our Hispanic Communities</i> . USDA-NIFA HSI Program. – Funded Dates of Project: 2023-2027	\$199,370
Argin, M., Winski, P., Hainline, M. S. , & Koch, J. (2023). <i>Workforce Development for Urban Landscape and Lawn Care (WFD-Houston)</i> . USDA-NIFA AWT Program. – Funded. Dates of Project: 2023-2026	\$550,000

Nair, S, A. Smith Herron, C. Carraway, S. Jones., & M. S. Hainline (2023). <i>Expanding Opportunities in Agriculture for Under-Represented Populations</i> . USDA-NIFA. – Funded. Dates of Project: 2020-2024	\$272,424
Chen, D. (PI) & Rahi, B. (Co-PI). <i>Nurturing Researchers and Educators of Smart Food Consumption</i> . USDA-NIFA-REEU. (Note: Drs. T. Lopez, M. Hainline , B. Boutros, R. Irani-Kermani, S. Nair, and L.A. Wolfskill will serve as mentors of undergraduate research projects). – Funded. Dates of Project: Recommended for an Award for 2023-2026.	\$362,343
Hanagriff, R., & Hainline, M. S. (2021). <i>Texas Gulf Shrimp 2021 Marketing Project</i> . Texas Department of Agriculture. – Funded. Dates of Project: 2021-2022	\$80,000
Chumbley, S. B. & Hainline, M. S. , Smalley, S. (2020). <i>Higher Education Agricultural Technology (HEAT) Training</i> . USDA-NIFA Higher Education Challenge (HEC) Grants Program. – Funded. Dates of Project: 2020-2023	\$297,828.50
Garcia, R., Eaton, A. & Hainline, M. S. (2015). <i>El Centro de las América's Adelante Adult Education Program</i> . Lincoln, NE: Wellcare Health Plans, Inc. The Community Commitment Grant.	\$1,500

Grant Proposals Pending Decision (External)

Hainline, M. S. , Wolfskill, L. A., Smalley, S., Ritz, R., & Nair, S. (Pending). <i>Educational Law Literacy Program for FANH Science Teachers</i> . USDA-NIFA- Higher Education Challenge (HEC) Grants Program.	\$745,939
Morgan-Olvera, A. Scarbrough, A., & Hainline, M. S. (Pending). <i>ExCELS (Exploring College Education and Life in the Sciences) @ Sam</i> . USDA-SPECA	\$48,821

Funded Grants (Internal)

Grant Information:	Funding Amount:
Nair, S., Hopkins, K., Contreras-Vanegas, A., Hainline, M. S. , & Islam, A. B. M. (2023). <i>Urban Agribusiness Ventures to Connect and Engage our Hispanic Community</i> . SHSU Building Research, Innovation, Discovery, and Growing Engagement (BRIDGE)-Internal Grant Program. Dates of Project: 2023-2024	\$85,943

Hainline, M. S., & Wells, T. (2018). *Using a Torchmate Plasma Cutting System to Teach STEM-focused Course Content.* Iowa State University College of Agriculture and Life Sciences Technology Advancement Committee (TAC). **\$12,132**

Hainline, M. S., & Wells, T. (2017). *Crafting the Learning Curve: Using a Reality-based Weld Training System to Facilitate Student Learning.* Iowa State University Computation Advisory Committee (CAC). **\$ 22,803**

Hainline, M. S., & Wells, T. (2017). *Crafting the Learning Curve: Using a Reality-based Weld Training System to Facilitate Student Learning.* Iowa State University College of Agriculture and Life Sciences Technology Advancement Committee (TAC). **\$ 50,303.00**

Proposals Submitted But Not Funded

Nair, S. Anderson, M., **Hainline, M. S.**, Pannkuk, T., & McQueen, R. (2023). Transforming Graduate Education and Research through Transdisciplinary Approach: Agribusiness. **\$328,000.** – Not Funded

Nair, S., **M. S. Hainline**, R. Martinez, K. Hopkins, M. Anderson, P. Urso, N. Kidane, J. Sanders, N. Krueger, B. Behnke, and B. Burroughs. 2022. Pathway to Creating Next Generation of Agricultural Professionals and Policy Makers with Diversity, Equity, and Inclusion. **\$10,000,000.** USDA NIFA NEXTGEN Program - Decision Pending. -

Hague, S., Carson, K., Howe, J., Smith, A. P., Dixit, M. Strong, R., Griffin, R., McGahan, D., Schuster, G., **Hainline, M. S.**, Scadden, I. (2021). Outstanding in Our Field: Development of Virtual Reality Field Experiences in Soil and Crop Sciences. USDA-NIFA Higher Education Challenge (HEC) Grants Program. **\$750,000.00** – Not funded. -

Hainline, M. S., & Chumbley, S. B. (2021). Educational Law Literacy Program (ELLP). USDA-NIFA Higher Education Challenge (HEC) Grants Program. **\$149,566.44** – Not funded. -

Chumbley, B., Bhandari, A., Turner, B & **Hainline, M. S. (2021).** Javelina Agriculture, Career Knowledge and Educational Development (JACKED) Program. USDA Multicultural Scholars Program (MSP). **\$180,000** – Not funded. -

- Hainline, M. S. & Chumbley, S. B. (2019).** *Higher Education Agricultural Technology (HEAT) Training*. National Institute of Food and Agriculture; U.S. Department of Agriculture (USDA) Higher Education Challenge (HEC) Grants Program. **\$299,567** (ISU funding \$146,888) – ***Funding was recommended for this project by the review team, but the administrative team did not fund.*** -
- Hainline, M. S., Smalley, S. W., & Remington, J. C. (2019).** *Iowa SBAE Induction Program*. National Institute of Food and Agriculture; U.S. Department of Agriculture (USDA). **\$147,993**– Not funded. -
- Kinsinger, B., **Hainline, M. S.**, Grimm, C., Ott, A., & Grunklee, D. (2019). *Iowa Ag Ed Co-op*. National Institute of Food and Agriculture; U.S. Department of Agriculture (USDA). **\$150,000**– Not funded. -
- Kinsinger, B., Grimm, C., Ott, A., Grunklee, D., & **Hainline, M. S.** (2018). *Iowa Ag Ed Co-op*. National Institute of Food and Agriculture; U.S. Department of Agriculture (USDA). **\$150,000** (ISU funding \$75,000) – Not funded. -

PROFESSIONAL GROWTH AND ACTIVITIES

Membership in Professional Societies

- Online Learning Consortium- ISU Institutional Member 2019 – present
- Gamma Sigma Delta Honor Society of Agriculture– Iowa Beta Chapter 2019 – present
- North American Colleges & Teachers of Agriculture (NACTA) 2015 – present
- American Association of Agricultural Education (AAAE) 2014 – present
- Association for Career and Technical Education (ACTE) 2018- present
- Iowa Association of Agricultural Educators (IAAE) 2018-present
- Texas Tech Agricultural Education & Communications Graduate Student Organization (AECGO) 2014 - 2017
- Vocational Agricultural Teachers Association of Texas (VATAT) 2010 – present
- Houston Livestock Show & Rodeo 2010 - 2014
- Delta Tau Alpha – National Agriculture Honor Society 2009 – present
- Alpha Lambda Delta Honor Society 2007 - present

Service on Professional Committees

- American Association for Agricultural Education - North Central Program Improvement Committee - *Committee member* 2017 - 2020
- American Association for Agricultural Education – National Conference Planning Committee - *Planning committee member* 2018 - 2019

Attendance at Meetings or Professional Societies

- Agricultural Teachers Association of Texas Summer Conference – Dallas, TX. 2023
- American Association for Agricultural Education National Research Conference – Raleigh, NC 2023
- Agricultural Teachers Association of Texas Summer Conference – Corpus Christi, TX. 2022
- American Association for Agricultural Education National Research Conference – Oklahoma City, OK 2022
- American Association for Agricultural Education National Research Conference – Des Moines, IA 2019
- AAAE North Central Research Conference – East Lansing, MI 2019
- Mountain States Agricultural Mechanics Instructors Conference – Fort Collins, CO 2018
- AAAE North Central Research Conference – Fargo, ND 2018
- National Agricultural Mechanics Professional Development 36th Annual Blue Ribbon Paper Research Conference – Indianapolis, IN 2017
- AAAE North Central Research Conference – Ames, IA 2017
- American Association for Agricultural Education National Research Conference – Kansas City, MO 2016
- VATAT Agricultural Educators Summer Conferences 2010-2016
- American Association for Agricultural Education Western Region Conference - Tucson, AZ. 2016
- American Association for Agricultural Education Southern Region Conference - San Antonio, TX 2016
- American Association for Agricultural Education National Conference - San Antonio, TX. 2015
- American Association for Agricultural Education Southern Region Conference - Atlanta, GA.
- Texas Tech Graduate Student Research Conference - Lubbock, TX. 2015

Professional Service Activities

- ATAT Board of Directors – *Board Member* 2023-2024
- Journal of Agricultural Education – *Research manuscript reviewer* 2024
- American Association for Agricultural Education National Research Conference – Manhattan, KS - *Research paper reviewer* 2024
- Journal of Agricultural Education – *Research manuscript reviewer* 2023
- American Association for Agricultural Education National Research Conference – Raleigh, NC - *Research paper reviewer* 2023
- American Association for Agricultural Education National Research Conference – Oklahoma City, OK - *Research paper reviewer* 2020
- American Association for Agricultural Education National Research Conference – Des Moines, IA - *Research paper reviewer* 2019

- AAAE North Central Research Conference – East Lansing, MI- 2019
Research paper reviewer & Innovative idea poster reviewer
- AAAE North Central Research Conference – Fargo - *Research paper* 2018
reviewer & Research paper judge
- American Association for Agricultural Education National Research 2018
Conference – Charleston, SC - *Research paper reviewer*
- National Agricultural Mechanics Professional Development 36th Annual 2017
Blue Ribbon Paper Research Conference – Indianapolis, IN - *Research*
poster judge
- American Association for Agricultural Education National Research 2017
Conference – San Luis Obispo, CA - *Research paper reviewer*
- AAAE North Central Research Conference – Ames, IA - Research paper 2017
reviewer
- American Association for Agricultural Education National Research 2016
Conference – Kansas City, MO - *Research session facilitator*

SERVICE ACTIVITIES

Sam Houston State University, School of Agricultural Sciences

Service to COSET

- COSET Diversity, Equity, and Inclusion Committee – Member 2022- 2024
 - Served on a sub-committee to develop a mission and vision statement for the COSET DEI Committee.

Service to the School of Ag. Sciences

- Ag Alumni Board – Member 2022-present
- School of Ag Sciences Scholarship Committee - Member 2022-present
- Curriculum and Catalog Committee – Chair Elect 2023-present
- FES Committee - Member 2023-present
- Texas FFA State LDE Contest – Facilitator and host 2022-present
- Texas FFA State CDE Contest – Facilitator and host 2023-present
- Lead Agricultural Science Teacher Educator 2022-present
 - Facilitated the placement process of student teachers.
 - Developed and disseminated placement contracts with school districts.
 - Co-host the Ag. Sci. Teacher Certification Seminar each semester.
 - Attend teacher certification meetings associated with the College of Education.
- Saturday @ Sam 2022-present
 - Facilitated Ag Ambassador presentation and presented to parents and students on the teacher certification program.
- Excell @ SAM 2022-present

- Organized event and coordinated Ag Ambassadors to host the event.
- Academic advising 2022-present
 - Advised approximately 90 students who were pursuing AFNR teacher certification.
- Ag Ambassadors 2022- present
 - Advisor
- SHSU CFFA Club
- Advisor

Service on Graduate Committees (SHSU)

Graduate Student	Degree	Role	Grad. Date
1. Kara Gobert	M.S. Ag – Non-Thesis	Chair	Spring 2024
2. Evan Speckman	M.S. Ag – Non-Thesis	Comm. Member	Spring 2024
3. Jack Johnson	M.S. Ag - Thesis	Chair	-
4. Evan Asala	M.S. Ag - Thesis	Chair	-
5. Hallee Cognata	M.S. Ag - Thesis	Chair	-

Texas A&M University–Kingsville, Department of Agriculture, Agribusiness, & Environmental Sciences

University Service

TAMUK Faculty Handbook Committee August 2021-present

College Service

Javelina Camp August 2021

- Interacted with incoming students who are planning to pursue degrees in Agricultural Sciences.

Javelina Preview Days April 21, 2021

- Served as AAE Representative and talked about our program with incoming and perspective TAMUK students.

Gave guided tour to prospective TAMUK students. Feb 9, 2021

Gave guided tour to prospective TAMUK students. June 29, 2021

Departmental Service

Served as a search committee member for the AGSC Adjunct Professor search. July / Aug 2021

Assisted with developing a response to the external review for the AGSC Master Program March 2021

Assisted with preparing the AGSC Master Program external review Feb 2021

Service on Graduate Committees (TAMUK)

Graduate Student	Degree	Role	Grad. Date
1. Islyn Gruver	M.S. AGSC	Major Prof.	2022
2. Kristen Rike	M.S. AGSC	Major Prof.	2022
3. Nick Wolfe	M.S. AGSC	Major Prof.	-

4. Nikki Sandidge	M.S. AGSC	Committee Member	Summer 2021
5. Eugenio Conklin	M.S. AGSC	Committee Member	Fall 2022

Iowa State University, Department of Agricultural Education & Studies

College Service

- College of Agricultural and Life Sciences Technology Advancement Committee (TAC) - *Committee member* 2018 - 2021
- College of Agriculture and Life Sciences Curriculum Committee - *Departmental representative* 2019
- Agricultural Systems Technology and Metal Fabrication Workshop - *Host and coordinator of professional development workshop for Iowa State University Farm Staff Members* 2018

Departmental Service

- Introductory Torchmate Workshop - *Hosted workshop for in-service and pre-service teachers.* 2019
- AgEdS Farm Operator Position Search Committee - *Search committee member* 2019
- Preparing Future Faculty Members (Graduate Studies 586) - *Faculty mentor for Skyler Rinker, Ph.D. Student* 2019
- Curriculum for Agricultural Science Education (CASE) Summer Institutes - Mechanical Systems in Agriculture (MSA) - *Hosted field-test institute.* 2018
- Introductory Electrical Systems Workshop - *Hosted workshop for in-service and pre-service teachers.* 2018
- Introductory Welding and Metalworking Workshop - *Developed and hosted a two-day workshop for secondary-based agricultural education and industrial technology teachers.* 2018
- Adjunct Assistant Professor/Center for Agricultural Law and Taxation (CALT) Director position screening committee - *Screening committee member* 2017
- Department of Agricultural Education and Studies Diversity and Inclusivity Committee - *Committee member* 2017-2018
- Preparing Future Faculty Members (Graduate Studies 586) - *Faculty mentor for Kevin T. Wells, Ph.D. Student* 2017
- Iowa State University Agricultural Education Club - *Co-Advisor* 2017-2018
- Inquiry-Based Learning Opportunities for Agricultural Education, Studies, and Communication Students: The AG 450 Farm and Agricultural Mechanics Facility (Invited Presentation) 2017
- AGEDS 110 Agriculture and Life Sciences Education Orientation - *Facilitator*

- University Research and Teaching Farms: An Experiential Learning Resource (North Central AAAE Research Conference, Ames IA) - *Host and co-coordinator of professional development event.* 2017

Service as Major Professor (ISU)

	Student	Degree	Role	Graduate Date
1.	Cassi Montandon	M.S. Agricultural Education <i>Creative Component Title: Developing a guide for training an Iowa FFA conduct of meetings team</i>	Major Professor	Summer 2019
2.	Taylor Wilkins	M.S. Agricultural Education <i>Thesis Title: Determining the inclusiveness of students with disabilities in Iowa agricultural classrooms</i>	Co-Major Professor	Summer 2018
3.	Katelyn Anderson	M.S. Agricultural Education <i>Thesis Title: Beginning teachers' perceptions of curriculum for agricultural science education training and classroom implementation</i>	Co-Major Professor	Summer 2018
4.	Skyler Rinker	Ph.D. Agricultural Education <i>Dissertation Title: Assessing relevance of AG 450 farm management and operation course content based on industry, alumni, and student perspectives</i>	Co-Major Professor	Fall 2019
5.	Amber Samson	M.S. Agricultural Education <i>Creative Component Title: A common curriculum for welding courses in school-based agricultural education programs in Iowa</i>	Major Professor	Fall 2019
6.	Cassidy Byess	M.S. Agricultural Education <i>Creative Component Title: Plant profits: An instructional manual to hosting a school plant sale and funding agricultural education programs from the profits</i>	Major Professor	Summer 2020
7.	Taylor Reth	M.S. Agricultural Education / M.S. Agricultural and Biosystems Engineering <i>Thesis Title: Learning outcome identification for an advanced manufacturing course for an industrial technology related program.</i>	Co-Major Professor	Fall 2020
8.	Kevin Sanders	Ph.D. Agricultural Education <i>Dissertation Title: Evaluating the preparation of pre-service SBAE teachers in laboratory-based courses.</i>	Co-Major Professor	Fall 2021
9.	Sarabeth Royer Alderfer	M.S. Agricultural Education	Major Professor	Spring 2021

Creative Component Title: *Designing agricultural business education lessons for existing agriculture courses to build agricultural and financial literacy in high school students.*

Service on Graduate Student Committees (ISU)

	Student	Degree	Role	Graduate Date
1.	Jay Solomonson	Ph.D. Agricultural Education	Comm. Member	Fall 2017
2.	Abisoye Odubanjo	Ph.D. Agricultural Education	Comm. Member	Spr. 2018
3.	Betsy Becker	M.S. Agricultural Education	Comm. Member	Spr. 2018
4.	Matt Lansing	M.S. Agricultural Education	Comm. Member	Sum. 2018
5.	Ben Booth	M.S. Agricultural Education	Comm. Member	Sum. 2018
6.	Tosha Gillispie	M.S. Agricultural Education	Comm. Member	Sum. 2018
7.	Ashley Wiebe	M.S. Agricultural Education	Comm. Member	Fall 2018
8.	Kylie Miller	M.S. Agricultural Education	Comm. Member	Fall 2018
9.	Jennifer Westphal	M.S. Agricultural Education	Comm. Member	Spr. 2019
10.	Trenton Taber	M.S. Agricultural Education	Comm. Member	Spr. 2019
11.	Eric Miller	M.S. Agricultural Education	Comm. Member	Spr. 2019
12.	Katelyn Bonzer	M.S. Agricultural Education	Comm. Member	Spr. 2019
13.	Elizabeth Naviaux	M.S. Agricultural Education	Comm. Member	Spr. 2019
14.	Cassandra Forbush	M.S. Agricultural Education	Comm. Member	Spr. 2019
15.	Rebecca Lyons	M.S. Agricultural Education	Comm. Member	Sum. 2019
16.	Katherine Williams	M.S. Agricultural Education	Comm. Member	Sum. 2019
17.	Callie Lankford	M.S. Agricultural Education	Comm. Member	Sum. 2019
18.	Meagan McCleary	M.S. Agricultural Education	Comm. Member	Sum. 2019
19.	Katelyn Schultz	M.S. Agricultural Education	Comm. Member	Spr. 2020
20.	Cameron Mitchel	M.S. Agricultural Education	Comm. Member	Spr. 2020
21.	Jorhie Beadle	M.S. Agricultural Education	Comm. Member	Spr. 2020
22.	Christa Hartsook	M.S. Agricultural Education	Comm. Member	Sum. 2020
23.	Danielle James	M.S. Agricultural Education	Comm. Member	Sum. 2020
24.	Karen Van De Walle	M.S. Agricultural Education	Comm. Member	Sum. 2020
25.	Kiley Baerg	M.S. Agricultural Education	Comm. Member	Sum. 2020
26.	Angelia Anders	M.S. Agricultural Education	Comm. Member	Sum. 2020
27.	Juliana Forbush	M.S. Agricultural Education	Comm. Member	Sum. 2020
28.	Carlton Ness	M.S. Agricultural Education	Comm. Member	Sum. 2020
29.	Haley Berry (Banwart)	Ph.D. Agricultural Education	Comm. Member	Sum. 2020
30.	Sarah Zwiefel	M.S. Agricultural Education	Comm. Member	Fall. 2020
32.	Casey Luncford	M.S. Agricultural Education	Comm. Member	Fall 2020
33.	Jason Cantrell	M.S. Agricultural Education	Comm. Member	Fall 2020
34.	Hannah Garland	M.S. Agricultural Education	Comm. Member	Spr. 2021

Texas Tech University, Department of Agricultural Education and Communications

- Preservice Workshop- Educational Law: Stuff You Should Know - *Host and co-presenter* 2017
- Curriculum for Agricultural Science Education (CASE) Summer Institutes (Animal Science Institute & AFNR Institute) - *Host and coordinator* 2016
- Texas Tech University Collegiate FFA - *Co-advisor* 2015 - 2016
- Nicaraguan 4-S Student Leadership/Youth Development Program - *Host and coordinator* 2015 - 2016
- Texas Tech University Agricultural Education and Communications Graduate Organization - *Vice president (2016) - Secretary (2015)* 2014 - 2016
- Collegiate FFA Leadership Development Event (LDE) Judging Workshop - *Assistant-coordinator* 2014 - 2016
- Texas Tech University Family and work Life Balance Professional Development Workshop - *Host and coordinator* 2014

Local Service

- Area X Agricultural Mechanics Contest – *Co-Coordinator* 2021
- Texas Tech University Invitational Leadership Development Event Contest - *Coordinator* 2015 - 2016
- Texas Tech University Cotton Judging Career Development Event (CDE) Invitational Contest - *Assistant-superintendent* 2015 - 2016
- Texas FFA State CDE Contest - *Coordinator of tabulations* 2015 - 2016
- Texas FFA Area 1 CDE Contest - *Coordinator of tabulations* 2015 - 2016
- Galveston County Fair & Rodeo - Livestock Judging Contest - *Facilitator and judge* 2010 - 2014

Houston Livestock Show and Rodeo

- HLSR Tours Committee - *Committeeman* 2012 - 2014
- HLSR Corral Club Committee - *Committeeman* 2010 - 2011

HONORS AND AWARDS

- Awarded the ***Journal of Agricultural Education Outstanding Article (First Runner-up) – Volume 62 Award*** for the article “Examining Teachers’ Agricultural Mechanics Professional Development Needs: A National Study” published in Volume 62, Issue 2 of the *Journal of Agricultural Education*. 2022
- Distinguished Research Poster Presentation 2019
American Association for Agricultural Education National Conference, Des Moines, IA.
- Distinguished Research Poster Presentation 2018
American Association for Agricultural Education North Central Region Conference, Fargo, ND.

- Distinguished Innovative Idea Poster Presentation 2018
American Association for Agricultural Education North Central Region Conference, Fargo, ND.
- 1st Place Outstanding Conference Paper Presentation 2017
American Association for Agricultural Education North Central Region Conference, Ames, IA.
- Distinguished Research Poster Presentation 2016
American Association for Agricultural Education Western Region Conference, Tucson, AZ.
- Distinguished Innovative Idea Poster Presentation 2015
American Association for Agricultural Education National Conference, San Antonio, TX.
- Outstanding Distance Graduate Student Award 2015
Texas Tech University, Department of Agricultural Education and Communications
- Houston Livestock Show and Rodeo Graduate Fellowship 2015 - 2016
 - First Place Manuscript Presentation Award 2014
Texas Tech University Arts and Humanities Graduate Student Research Conference, Lubbock, TX.
- CH Foundation Doctoral Scholarship 2014 - 2016
Texas Tech University
- San Antonio Livestock Exposition Agricultural Education Scholarship 2013 - 2014
Texas Tech University
- Hellen DeVitt Jones Graduate Fellowship 2013
Texas Tech University, Graduate School
- Wilson-Warner Endowed Scholarship 2010
Sam Houston State University
- Outstanding Secondary Education Student 2010
Sam Houston State University, Department of Curriculum and Instruction
- Outstanding Agricultural Education Student 2010
Sam Houston State University, Department of Agricultural and Industrial Sciences
- Houston Livestock Show and Rodeo Endowed Scholarship 2008 - 2009